

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9865	(transition\$4 chang\$4 bound\$4) with (phone phoneme allophone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31
L2	464173	(frequency spectr\$5) with (difference chang\$3 varia\$8 diverg\$8 delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31
L3	259671	L2 same (transition\$4 chang\$4 bound\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31
L4	1372	L1 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31
L5	192	L4 and (speech adj2 recogni\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31
L6	1	("2002/0184024").URPN.	USPAT	OR	ON	2006/02/24 14:06
L7	148	("5839099" "5708759" "5933801" "4829574" "4866777" "5574823" "5666466" "5692103" "6721698" "5197113" "5640490" "5873062" "6101462" "5696878" "5864813" "5909460" "6219375" "4418409" "4879748" "6219375" "6070137" "5271057" "5386465" "5956685" "4852170" "4459542" "4790016" "4283601" "4424415" "4610023" "4985923" "5313556" "5361324" "5577117" "5732392" "5950154" "4344031" "4378466" "4415767" "4432096" "4586174" "4624011" "4783805" "4829572" "4833714" "4852172" "4905286" "4932063" "4989249" "5212764").pn. ("5353342" "5359695" "5522012" "5581650" "5692059" "6006180" "6009391" "6032115" "6032116" "6041296" "6256609" "6266633" "6675140" "6741962" "5471558" "6044340" "6182033" "4542657" "5845241" "5939721" "4475167" "4802225" "4843562" "4897878" "4955056" "4975962" "5054085" "5422977" "5537647" "5752226" "5806022" "5878391" "6032114" "6263306" "6311153" "6477490" "6577739" "6691090" "6701291" "6721699" "5321745" "5905969" "5970453" "5479517" "5745873" "5991718" "5007093" "5768473" "6067515" "6070136").pn. ("6219642" "6219642" "6347297" "6418412" "6804646" "4856067" "4805218" "4817158" "5319736" "4624010" "4809331" "5600316" "5845251" "6310833" "5506901" "6198947" "6131044" "5425127" "6076055" "4802221" "6108610" "6073100" "5357594" "5950155" "6044341" "6097820" "4433211" "4490840" "5222189" "6006188" "4313197" "4464782" "4959863" "5491772" "5550924" "5577159" "5960391" "6233552" "4076958" "4561102" "4566117" "5247579" "5388185" "5473727" "5630012" "5651071" "5677984" "5764704" "5778337" "5812970").pn.	US-PGPUB; USPAT	OR	ON	2006/02/24 14:11
L8	7	4 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
L9	4	("4181813" "6625576").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:22
L10	36	("4181813").URPN.	USPAT	OR	ON	2006/02/24 14:23
L11	16	("4158750"   "4181813"   "4426733"   "4528687"   "4532648"   "4618984"   "4725956"   "4827520"   "4862363"   "4864622"   "4896357"   "5199080"   "5349687").PN. OR ("5852804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 14:27

## EAST Search History

L12	439	704/254.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:19
L13	720	704/201.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:19
L14	3313	704/200,201,231,251,236,254,255.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:34
L15	68	4 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 15:34
S1	2	transneme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:06
S2	430	transition with phoneme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:08
S3	104406	frequency with spectr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:09
S4	120	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:09
S5	28448	speech adj2 recogni\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:09
S6	71	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:09
S7	9865	(transition\$4 chang\$4 bound\$4) with (phone phoneme allophone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:58
S8	905	S7 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:12
S9	178	S8 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:13

## EAST Search History

S10	107	S9 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:13
S11	402	704/255.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:14
S12	9865	(transition\$4 chang\$4 bound\$4) with (phone phoneme allophone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:58
S13	464173	(frequency spectr\$5) with (difference chang\$3 varia\$8 diverg\$8 delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:59
S14	259671	S13 same (transition\$4 chang\$4 bound\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 16:00
S15	1372	S12 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 16:00
S16	192	S15 and (speech adj2 recogni\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 12:31